

I. AMENDMENTS TO THE CLAIMS:

Please cancel claims 26 and 27 without prejudice. Kindly add new claims 28 and 29 as follows.

This listing of claims will replace all prior versions and listings of claims in the present application.

LISTING OF CLAIMS

1. (Previously presented) A timepiece including:
a functional unit including magnetised masses; and
an electronic module including a support with conductive paths connected to at least one integrated circuit, wherein at least those conductive paths located in proximity to the functional unit are made of essentially non-magnetic material, wherein the conductive paths include a protective layer formed of a non-magnetic material selected from the group consisting of a nickel based alloy containing phosphorous and a palladium based alloy, and wherein those conductive paths located in proximity to the functional unit do not disturb operation of the functional unit.

2. (Canceled)

3. (Canceled)

4. (Canceled)

5. (Previously presented) A timepiece according to claim 1, wherein said electronic module further includes at least a discrete electronic unit, and said discrete electronic unit is exclusively formed of essentially non-magnetic materials.

6. (Previously presented) A timepiece according to claim 23, wherein said electronic module further includes at least a discrete electronic unit, and said discrete electronic unit is exclusively formed of essentially non-magnetic materials.

7. (Original) A timepiece according to claim 1, wherein said conductive paths include an adherence underlayer formed of a non-magnetic material.

8. (Previously presented) A timepiece according to claim 23, wherein said conductive paths include an adherence underlayer formed of a non-magnetic material.

9. (Canceled)

10. (Original) A timepiece according to claim 8, wherein said adherence underlayer is made of a nickel based alloy.

11. (Previously presented) A timepiece according to claim 7, wherein said adherence underlayer is made of a nickel based alloy.

12. (Original) A timepiece according to claim 1, wherein said functional unit is a microgenerator.

13. (Previously presented) A timepiece according to claim 7, wherein said functional unit is a microgenerator.

14. (Original) A timepiece according to claim 5, wherein said functional unit is a microgenerator.

15. (Previously presented) A timepiece according to claim 22, wherein said functional unit is a microgenerator.

16. (Previously presented) A timepiece according to claim 12, wherein said microgenerator includes a rotor including two flanges, each flange having substantially the shape of a disc and each flange carrying, on a face facing the other flange, an even number of magnetised masses; and wherein said electronic module includes at least a stator coil fixed to said support and partially inserted between the two flanges, the conductive paths of said support connecting said at least one coil to said integrated circuit.

17. (Previously presented) A timepiece according to claim 14, wherein said microgenerator includes a rotor including two flanges, each flange having substantially the shape of a disc and each flange carrying, on a face facing the other flange, an even

number of magnetised masses; and wherein said electronic module includes at least a stator coil fixed to said support and partially inserted between the two flanges, the conductive paths of said support connecting said at least one coil to said integrated circuit.

18. (Canceled)

19. (Canceled)

20. (Previously presented) A timepiece as recited in claim 5, wherein the electronic unit is a capacitor.

21. (Previously presented) A timepiece as recited in claim 6, wherein the electronic unit is a capacitor.

22. (Previously presented) A timepiece according to claim 1, wherein said electronic module further includes at least one capacitor, wherein said at least one capacitor is exclusively formed of essentially non-magnetic materials.

23. (Previously presented) A timepiece including:
a microgenerator including magnetised masses; and
an electronic module including a support with conductive paths connected to at least one integrated circuit and to the microgenerator, wherein the conductive paths are made of essentially non-magnetic material selected from the group consisting of a

nickel based alloy containing phosphorous and a palladium based alloy, and wherein conductive paths disposed in proximity to the microgenerator do not disturb operation of the microgenerator.

24. (Canceled)

25. (Canceled)

26. (Canceled)

27. (Canceled)

28. (NEW) A timepiece including:

a microgenerator including magnetised masses; and

an electronic module including a support with conductive paths connected to at least one integrated circuit and to the microgenerator, wherein the conductive paths are made of essentially non-magnetic material selected from the group consisting of a nickel based alloy containing phosphorous and a palladium based alloy, and wherein conductive paths disposed in proximity to the microgenerator are non-magnetic and do not disturb operation of the microgenerator and do not brake the microgenerator.

29. (NEW) A timepiece including:

a functional unit including magnetised masses, wherein the functional unit is a microgenerator; and

an electronic module including a support with conductive paths connected to at least one integrated circuit, wherein at least those conductive paths located in proximity

to the functional unit are made of essentially non-magnetic material, wherein the conductive paths include a protective layer formed of non-magnetic material selected from the group consisting of a nickel based alloy containing phosphorous and a palladium based alloy, and wherein those conductive paths located in proximity to the functional unit are non-magnetic and do not disturb operation of the functional unit and do not brake the functional unit.